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PN - JP2001240539 A 20010904
 PD - 2001-09-04
 PR - JP20000056649 20000302
 OPD - 2000-03-02
 TI - DRUG OR FUNCTIONAL FOODS FOR CONTROL ELEVATION OF BLOOD PRESSURE OR BLOOD SUGAR
 IN - HOSHI RYUICHI; YANO AKIMITSU; SASHITA YUTAKA; TAGUCHI SHIGERU; MIMAKI YOSHIHIRO
 PA - MACHIDA & MACHIDA SHOKAI KK; NAT INST OF FRUIT TREE SCIENCE
 IC - A61K31/352 ; A23L1/30 ; A61K35/78 ; A61P3/10 ; A61P9/12 ; C07D311/30

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TI - Pharmaceuticals or functional foods to prevent increases in blood pressure blood sugar, comprises flavonoids derived from citrus fruits
 PR - JP20000056649 20000302
 PN - JP2001240539 A 20010904 DW200172 A61K31/352 008pp
 PA - (MACH-N) MACHIDA KK
 - (NORQ) NORINSUISANSHO KAJU SHIKENBACHO
 IC - A23L1/30 ; A61K31/352 ; A61K35/78 ; A61P3/10 ; A61P9/12 ; C07D311/30
 AB - JP2001240539 NOVELTY - Pharmaceuticals or functional foods to prevent increases in blood pressure blood sugar, comprising flavonoids derived from citrus fruits, are new.
 - DETAILED DESCRIPTION - Pharmaceuticals or functional foods to prevent increases in blood pressure blood sugar are prepared by involving flavonoids (e.g., polyalkoxyflavonoids) of formula (1) derived from citrus fruits such as Citrusdepressa, C. tachibana, C. leiocarpa, C. tardiva, C. succosa, C. kinokuni, C. erythrosa, C. sunki, C. deliciosa, C. nobilis, C. reticulata, C. tangerina, C. hanayu, and C. nippokoreana.
 - R1 = H or 1-6C lower alkyl;
 - R2-R4 = H or 1-6C alkoxyl; and
 - R5 = 1-6C alkyl.
 - ACTIVITY - Hypotensive; antidiabetic.
 - No biological data given.
 - MECHANISM OF ACTION - None given.
 - USE - The pharmaceuticals and functional foods are useful agents to prevent and treat high blood pressures caused by essential, renal, and marginal hypertension and high blood sugar levels caused by insulin-dependent and insulin-nondependent diabetes mellitus.
 - ADVANTAGE - Not given.
 - (Dwg.0/0)
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AN - 2001-621566 [72]

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IN - TAGUCHI SHIGERU; HOSHI RYUICHI; MIMAKI YOSHIHIRO; SASHITA
YUTAKA; YANO AKIMITSU

PA - MACHIDA & MACHIDA SHOKAI; KINATIONAL INSTITUTE OF FRUIT TREE
SCIENCE

TI - DRUG OR FUNCTIONAL FOODS FOR CONTROL ELEVATION OF BLOOD
PRESSURE OR BLOOD SUGAR

AB - PROBLEM TO BE SOLVED: To provide a drug or functional foods capable of
performing the prevention, improvement and therapy against the diseases
associated with hypertension and diabetes without caring the side effects or
the like.

- SOLUTION: The drug or functional foods are characterized by containing
flavonoid for control at least one of the elevation of blood pressure or blood
sugar either. Preferably, the flavonoid is particularly selected from a group
consisting of compounds extracted easily from citrus fruits;
5-demethylnobiletin, tangeritin, nobiletin, 8-demethoxynobiletin (sinesetin),
6-demethoxytangeritin and 6-demethoxynobiletin.

SI - C07D311/30

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